


Perkins, Michael

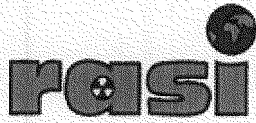
From: David Romaine [dromaine@rationline.net]
Sent: Wednesday, August 12, 2009 3:30 PM
To: Ullrich, Elizabeth
Cc: 'Ryan Hinkle'; 'Sha'aban EINaggar'; 'Shawn Tollin'
Subject: FMC building 22 letter
Attachments: FMC-NRC Bld 22 letter 0809.pdf

Betsy:

Attached please find the letter you suggested for Building 22.

Kindest regards,

	Challenge Us
David Romaine <i>President</i>	RASI 1050 Connecticut Ave NW 10th Floor Washington, DC 20036
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Ms. Elizabeth Ullrich, MS, CHP
Sr. Health Physicist
Nuclear Regulatory Commission
Commercial and R&D Branch
475 Allendale Rd.
King of Prussia, PA 19406

Subject: FMC building 22

Dear Ms. Ullrich

On behalf of FMC Chemical Corporation, Radiological Assessment Services, Inc., (RASI), conducted a MARSSIM Final Status Survey (FSS) of Building 2 for unrestricted release. The FSS was provided to you on July 31, 2009 for review.

During the review process a question developed regarding the usage of Building 22. Section 2.2 of the MARSSIM FSS states "Storage of radioactive waste and source materials were moved from Building 22 to Building 2 in 1995". The words "source materials" were used in error. *Source material* is a term of art in the radiation protection industry and has specific meaning not applicable to the uses of Building 22. In particular, source material is regulated and has separate screening values that are not a part of the FMC FSS. The words source material should have not been used.

Building 22 is steel framed masonry and concrete with truss roof. The northeast corner of Building 22 was utilized as temporary storage for low level radioactive material (which was moved to Bldg 2 in 1995). The northwest corner of Building -22 contained spray test rooms utilized by Specialty Products Dept (no radioactive material work). The southern half of Building 22 contained acetone dispensing station and some mechanical equipment. The only use of Building 22 with regard to radioactive material was for temporary storage only. No radioactive material work was ever performed in Building 22.

On August 9, 2009 a scan and smear survey was conducted of the temporary storage area to confirm the absence of any contamination. The survey data was presented to you on August 10, 2009. All scans were found to be at background level and the smear analysis results ranged from 0 dpm/100cm² to 6 dpm/100cm². The DCGLw for the MARSSIM FSS was established at 2.36E6 dpm/100cm². No contamination was detected.

Challenge Us

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Date:
August 11, 2009

Contact:
David Romaine

Phone:
201.218.0743

Email:
dromaine@rationline.net

Our ref:
FMC-BLDG-22



Ms. Elizabeth Ullrich
August 11, 2009

If you have any questions regarding Building 22 or the FSS of Building 2, please feel free to contact me.

We appreciate the expediency of your review to date and look forward to receiving release of building 2.

Sincerely,

**David
Romaine**

David Romaine
President/CEO

Digitally signed by David Romaine
DN: cn=David Romaine, o=RASI, ou,
email=dromaine@rasionline.net,
c=US
Date: 2009.08.12 15:27:02 -04'00'